

REMARKS

Restriction Requirement

Applicants affirm the provisional election of Group I, including Claims 1-10 and 18-31, with traverse. Applicants have cancelled non-elected Claims 11-17, but reserve the right to submit these claims in a later divisional application, without prejudice.

Summary of Claim Status

Claims 1-6, 8-10, 18-24, and 26-31 are pending in the present application after entry of the present amendment. Applicants have cancelled Claims 11-17 without prejudice, as being directed to a non-elected invention. Applicants take notice that Claims 7 and 25 are objected to as depending from rejected base claims, but would be allowable if properly rewritten in independent form. Claims 7 and 25 are cancelled without prejudice as being redundant with newly amended Claims 1 and 19, respectively. Claims 1-6, 8-10, 18-24, and 26-31 are rejected for the reasons noted below.

Applicants request the favorable reconsideration of the claims and withdrawal of the pending rejections and objections, in view of the present amendment and in light of the following remarks.

Rejections Under 35 USC 103(a)

Claims 1-3, 5-6, 8, 10, 18-21, 23-24, 26-28, and 30-31 are rejected under 35 USC 103(a) as being unpatentable over Applicant's Admitted Prior Art (Applicant's specification pages 1-3, hereinafter AAPA) in view of "Error Check and Correction for Soft Error of Random-Access Memory", IBM Tech. Disclosure, March 1989 (NN890358), hereinafter IBM.

Claim 1 is amended to include limitations similar to those of Claim 7, which was deemed allowable. Therefore, Claim 1 is believed allowable as amended. Claims 2-6 and 8-10 are also deemed allowable for at least the reasons of Claim 1, from which they depend. Claim 7 is cancelled as being redundant with newly amended Claim 1.

Claims 18, 19, and 31 are also similarly amended. Therefore, these claims are also believed allowable. Claims 20-24, and 26-30 are believed allowable for at least the reasons of Claim 19, from which they depend. Claim 25 is cancelled as being redundant with newly amended Claim 19.

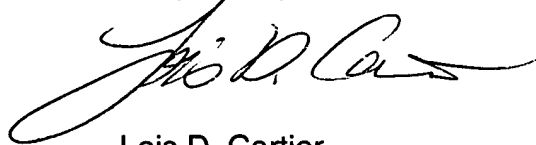
Claims 9 and 29 are rejected under 35 USC 103(a) as being unpatentable over AAPA in view of IBM, and further in view of "Official Notice". Claims 9 and 29 are believed allowable for at least the reasons of Claims 1 and 19, from which they respectively depend. Therefore, this rejection is moot.

Claims 4 and 22 are rejected under 35 USC 103(a) as being unpatentable over AAPA in view of IBM, and further in view of U.S. Patent No. 5,784,391 (Konigsburg). Claims 4 and 22 are believed allowable for at least the reasons of Claims 1 and 19, from which they respectively depend. Therefore, this rejection is moot.

Conclusion

No new matter has been introduced by any of the above amendments. All claims should be now be in condition for allowance and a Notice of Allowance is respectfully requested. If any action other than allowance is contemplated by the Examiner, the Examiner is respectfully requested to telephone Applicants' agent, Lois D. Cartier, at 720-652-3733.

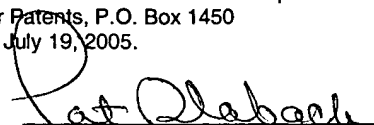
Respectfully submitted,



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I hereby certify that this correspondence is being deposited with the United States Postal Service as **first class mail** in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on July 19, 2005.

Pat Slaback
Name



Signature